

Applic. No.: 09/711,869

Amdt. Dated August 26, 2004

Reply to Office action of July 14, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended): An operating system for a printing machine, comprising:

a graphic operating interface for allowing the printing machine to be controlled by actions made by an operator of the printing machine in the context of the operating interface, and;

electronic documentation selectively displayable on the operating interface as a result of actions by the operator in the context of the operating interface, said electronic documentation including operating instructions for the printing machine, a spare-parts catalog for the printing machine[[,]] containing numbers and drawings of spare parts, and maintenance instructions for the printing machine, ~~the operating system also comprising; and~~

a list with links between electronic addresses of electronic components in the printing machine and ~~at least one of said~~

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spare-parts numbers ~~and~~ and/or said spare-parts drawings,  
respectively, ~~and~~;

~~when~~ the operating system ~~receives~~, upon receiving a report of  
a fault in an electronic component ~~[[,]]~~ through the electronic  
address of the electronic component ~~which is specified~~, being  
~~capable of~~ referring to the fault on the operating interface  
and, in response to an action by the operator, ~~of~~ displaying  
~~at least~~ at least one of the associated spare-parts numbers  
and spare-parts drawings, respectively, on the operating  
interface.

Claim 2 (original): The operating system according to claim 1,  
wherein, in the event of a fault, the operator is able to call  
up a program to eliminate the fault.

Claim 3 (currently amended): The operating system according to  
claim 2, which includes ~~being capable of establishing~~ a  
telecommunication link to a remote service system being  
established when the fault elimination program is ~~one of~~  
called up and or executed, ~~respectively~~.

Claim 4 (currently amended): The operating system according to  
claim 1, ~~which includes being capable of monitoring wherein~~  
the operating system monitors maintenance intervals ~~one~~ of the

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printing machine and or parts thereof, ~~respectively~~, and ~~being~~  
~~capable of referring~~ refers the operator to due maintenance by  
displaying at least one appropriate symbol on the operating  
interface.

Claim 5 (currently amended): The operating system according to  
claim 4, ~~which includes being capable of displaying wherein~~  
maintenance information which becomes more detailed step by  
step, in response to actions by the operator in the context of  
a symbol referring to due maintenance, is displayed.

Claim 6 (currently amended): The operating system according to  
claim 5, ~~which includes wherein~~, in response to an action by  
the operator in the context of a further symbol which is  
displayed when maintenance is due, ~~being capable of resetting~~  
the maintenance message is reset so that it reappears after a  
predetermined operating interval.

Claim 7 (currently amended): The operating system according to  
claim 5, ~~which includes wherein~~, in response to an action by  
the operator in the context of a further symbol which is  
displayed when maintenance is due, ~~being capable of displaying~~  
a control list is displayed on the operating interface wherein  
confirmation of maintenance work which has been performed is  
requested.

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Claim 8 (currently amended): The operating system according to claim 7, ~~which includes being capable of transmitting~~ wherein said confirmation of maintenance work in said control list is transmitted to a remote service system by a telecommunication link which is established as required.

Claim 9 (currently amended): The operating system according to claim 3, including a machine history maintained by ~~at least one of~~ the operating system and and/or said remote service system, ~~respectively~~.

Claim 10 (currently amended): The operating system according to claim 8, including a machine history maintained by ~~at least one of~~ the operating system and and/or said remote service system, ~~respectively~~.

Claim 11 (original): The operating system according to claim 1, including a display by the operating interface of a schematic picture of one of the printing machine and at least one of the parts thereof, respectively, and appropriate parts of the electronic documentation being displayed on the operating interface in response to actions by the operator of the printing machine in the context of the schematic picture.

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Claim 12 (currently amended): A method of updating an operating system for a printing machine according to claim 1, ~~which has a graphic operating interface for allowing the printing machine to be controlled by actions made by an operator of the printing machine in the context of the operating interface, and which has electronic documentation which, as a result of actions by the operator in the context of the operating interface, is displayed selectively on the operating interface, the electronic documentation including operating instructions for the printing machine, a spare part catalog for the printing machine and maintenance instructions for the printing machine, the method which comprises[[,]]:~~

after conversion work performed on the printing machine, establishing a telecommunication link to a remote service system, for recording the conversion work which has been performed[[,]];

~~compiling one of supplementary and or updated electronic documentation, respectively, and one of, and~~

supplementing the original electronic documentation by the supplementary documentation and or replacing the original electronic documentation by the updated documentation, respectively.

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Claim 13 (original): The method according to claim 12, which includes providing the remote service system with access to a database containing all the data necessary for compiling documentation for any desired machine configurations.